

A M E N D M E N T

To: Commissioner of the Patent Office Mr. Yasuo Imai
(Examiner of the Patent Office Mr. Hiroaki Hirai)

1. Identification of the International Application
PCT/JP03/8328

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4. Item to be Amendment

Claim

5. Subject matter of Amendment

Amending of page 13 claim 1

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CLAIMS

1. A false-twisting disk provided with a friction ring with rubber elasticity on the outer periphery of the disk body having an axis hole in the center thereof,

wherein a groove of which the opening width is narrower than the inner width is formed on the outer periphery of the disk body, and a projected line fitted in the groove is provided on the inner periphery of the friction ring.

2. The false-twisting disk as set forth in claim 1, wherein the groove formed on the outer periphery of the disk body is a dovetail groove.

3. The false-twisting disk as set forth in claim 1, wherein the groove formed on the outer periphery of the disk body is a recessed groove, and

one or a plurality of projections for preventing a friction ring from falling off is provided on the opening sides in the both side walls of the recessed groove, and the opening width of the groove is narrower than the inner width thereof.

4. The false-twisting disk as set forth in claim 3, wherein the projection for preventing a friction ring from falling off is formed approximately in a semicircular shape in a cross section or approximately in a triangular shape in a cross section.

5. The false-twisting disk as set forth in claim 1, wherein a groove formed on the outer periphery of the disk body is a recessed groove, and the opening width of the groove is narrower than the inner width by providing fitting projection parts facing each other on the opening sides of the both side walls of the recessed groove,

wherein step parts for preventing a friction ring from falling off are formed on the bottom part side of the recessed groove of the fitting projection parts, and a fitting head part which can advance into the recessed groove and is formed approximately in a cone shape in a cross section is provided on the end of a projected line provided on the inner periphery of the friction ring, and

the width of the projected line corresponds to the space between the fitting projection parts, the width of a foot of a mountain of the fitting head part is wider than the width of the projected line, and a fitting part which is fitted in the step part for preventing a friction ring from falling off of the recessed groove is formed on both ends of the foot of the mountain.

6. The false-twisting disk as set forth in any one of claims 1 to 5, wherein the durometer hardness of the friction ring is within the range of A80 to A95.

7. The false-twisting disk as set forth in any one of claims 1 to 6, wherein the friction ring is made of urethane rubber.

8. A false-twisting disk body provided with an axis hole in the center thereof, wherein a groove for mounting a friction ring of which the opening width is narrower than the inner width is formed on the outer periphery of the disk body.

9. The false-twisting disk body as set forth in claim 8, wherein the groove for mounting a friction ring is a dovetail groove.

10. The false-twisting disk body as set forth in claim 8, wherein the groove for mounting a friction ring is a recessed groove, and one or a plurality of projections for preventing the friction ring from falling off is provided on the opening sides of the both side walls of the recessed groove.